

# Metadata Details

## Title

Radioactivity Measurements on Some Rock and Water Samples from Dakshin Gangotri, Antarctica.

---

## Science Keywords

Category Land Surface  
Topic Surface Radiative Properties  
Expedition Year 1984-1985  
ISO Topic Meteorology

---

## Summary

### Abstract

The field measurements and laboratory analyses were carried out on some rock and water samples from the Dakshin Gangotri region. It was found that no significant deposits of radioactive minerals exist in the vicinity of the Priyadarshini lake. The water samples collected from the water channels in the ice-shelf and from the Priyadarshini lake were found to be free of any hazardous radioactive contaminations.

### Purpose

The gamma ray spectrometric surveys are useful in locating gamma radiation fields caused by varying concentrations of radio isotopes at different localities. The spectrometric surveys thus provide an effective tool to locate important radioactive minerals like uranium, thorium etc. in a given region. So far very few radioactive surveys have been carried out in Antarctica (Dreschoff et al., 1983) and no significant deposits in radioactive minerals have been reported in the Dronning Maud Land.

---

## Data Center

---

### Dataset Citation

Creator : SK Verma  
Editor : SK Verma  
Title : Radioactivity Measurements on Some Rock and Water Samples from Dakshin Gangotri, Antarctica.  
Series Name : 1  
Release Date : 26/08/2020  
Release Place : Goa  
Version : 1  
Data Presentation Form : null  
Online Resource : <http://14.139.119.23:8080/dspace/bitstream/123456789/236/3/ARTICLE+6.pdf>

---

### Scientist Details

Role : Principal Investigator  
Name : Dr. SK Verma  
e-mail : [ictd@ncpor.res.in](mailto:ictd@ncpor.res.in)  
Phone : 8322525515  
Fax : null  
Address : Uppal Road, Habsiguda, Hyderabad, Telangana 500007  
Address1 : null  
City : Hyderabad  
State : Andhra Pradesh  
Postal Code : 500007  
Country : India

---

### Instrument Details

Short Name : -  
Long Name : -

---

### Platform

Short Name : -  
Long Name : -

---

### Location

Category : REGION  
Type : Antarctic  
Subregion : Dakshin Gangotri

---

### Project Details

Short Name : 2  
Long Name : Radioactivity Measurements on Some Rock and Water Samples from Dakshin Gangotri, Antarctica.

---

### Quality

Access Constraints : Registration is required to access data

**Use Constraints** : Data may not be used for commercial application

---

**Distribution Media** : Internet (https/ftp) & CD/DVD

---

Size : null  
Format : null

---

**Dataset Language** : English  
**Dataset Progress** : Complete

---

#### **Related URL**

---

URL Content Type : VIEW PROJECT HOME PAGE  
URL : <https://www.npdc.ncpor.res.in>  
Description : Homepage of the NPDC Website

---

**DIF Revision History** : 30-05-2012  
**Originating Data Center** : NPDC, INDIA